

Message

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**From:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) [nrk7@cdc.gov]  
**Sent:** 6/1/2021 9:38:56 PM  
**To:** Jennings, Susan [Jennings.Susan@epa.gov]; Chiller, Tom (CDC/DDID/NCEZID/DFWED) [tnc3@cdc.gov]; Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED) [iyn0@cdc.gov]  
**Subject:** RE: Informal CDC-EPA-USDA discussion on triazole fungicides  
**Attachments:** Azole resistance\_future research 2020.pdf; Azole\_Afumigatus Hollomon 2017.pdf; Azole resistant\_China 2021.pdf; Snelders et al. - 2012 - Triazole Fungicides Can Induce Cross-Resistance to.pdf; Chowdhary et al. - 2013 - Emergence of Azole-Resistant Aspergillus fumigatus.pdf; Kang et al. - 2020 - Evidence for the agricultural origin of antimicrob.pdf; Kleinkauf and Europäisches Zentrum für die Prävention und die Kontrolle von Krankheiten - 2013 - Risk assessment on the impact o.pdf

Hi Susan,

Our apologies for replying late. Here are some references that talks about the environmental link.

Tom and Brendan – please add others if I missed.

Thanks,  
Mitsuru

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**From:** Jennings, Susan <Jennings.Susan@epa.gov>  
**Sent:** Wednesday, May 26, 2021 8:57 AM  
**To:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) <nrk7@cdc.gov>; Chiller, Tom (CDC/DDID/NCEZID/DFWED) <tnc3@cdc.gov>; Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED) <iyn0@cdc.gov>  
**Subject:** RE: Informal CDC-EPA-USDA discussion on triazole fungicides

Do you have any other articles that discuss the linkage between ag and humans more definitively?

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**From:** Jennings, Susan  
**Sent:** Wednesday, May 12, 2021 1:47 PM  
**To:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) <nrk7@cdc.gov>; Chiller, Tom (CDC/DDID/NCEZID/DFWED) <tnc3@cdc.gov>; Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED) <iyn0@cdc.gov>  
**Subject:** RE: Informal CDC-EPA-USDA discussion on triazole fungicides

Thanks!

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**From:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) <nrk7@cdc.gov>  
**Sent:** Wednesday, May 12, 2021 1:04 PM  
**To:** Chiller, Tom (CDC/DDID/NCEZID/DFWED) <tnc3@cdc.gov>; Jennings, Susan <Jennings.Susan@epa.gov>; Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED) <iyn0@cdc.gov>  
**Subject:** RE: Informal CDC-EPA-USDA discussion on triazole fungicides

Thanks, Susan. Here is the link to the article. <https://ehp.niehs.nih.gov/doi/10.1289/EHP7484>

We also have a few associated social media posts that will go out this week. This is one of them:  
[https://twitter.com/CDC\\_NCEZID/status/1392491513666486273?s=20](https://twitter.com/CDC_NCEZID/status/1392491513666486273?s=20)

Thanks,  
Mitsuru

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**From:** Chiller, Tom (CDC/DDID/NCEZID/DFWED) <[tnc3@cdc.gov](mailto:tnc3@cdc.gov)>

**Sent:** Wednesday, May 12, 2021 1:00 PM

**To:** Jennings, Susan <[Jennings.Susan@epa.gov](mailto:Jennings.Susan@epa.gov)>; Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) <[nrk7@cdc.gov](mailto:nrk7@cdc.gov)>; Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED) <[iyn0@cdc.gov](mailto:iyn0@cdc.gov)>

**Subject:** RE: Informal CDC-EPA-USDA discussion on triazole fungicides

Yes Mitsuru will send you.

Tom

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**From:** Jennings, Susan <[Jennings.Susan@epa.gov](mailto:Jennings.Susan@epa.gov)>

**Sent:** Wednesday, May 12, 2021 12:39 PM

**To:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) <[nrk7@cdc.gov](mailto:nrk7@cdc.gov)>; Chiller, Tom (CDC/DDID/NCEZID/DFWED) <[tnc3@cdc.gov](mailto:tnc3@cdc.gov)>; Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED) <[iyn0@cdc.gov](mailto:iyn0@cdc.gov)>

**Subject:** RE: Informal CDC-EPA-USDA discussion on triazole fungicides

Hi all,

Does anyone have a link to the published study on fungal resistance? I seem to recall it was supposed to publish last week or so, but haven't seen it.

Thanks,

Susan.

-----Original Appointment-----

**From:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED) <[nrk7@cdc.gov](mailto:nrk7@cdc.gov)>

**Sent:** Friday, April 23, 2021 10:24 AM

**To:** Toda, Mitsuru (CDC/DDID/NCEZID/DFWED); Jennings, Susan; [julie.chao@usda.gov](mailto:julie.chao@usda.gov); Fajardo, Julius - OCE, Washington, DC; Chiller, Tom (CDC/DDID/NCEZID/DFWED); Jackson, Brendan R. (CDC/DDID/NCEZID/DFWED); Gerber, Susan I. (CDC/DDID/NCEZID/DFWED); Garland, Jay

**Cc:** Craig, Michael R. (CDC/DDID/NCEZID/DHQP); Lutfy, Caitlyn (CDC/DDID/NCEZID/DFWED); Gold, Jeremy (CDC/DDID/NCEZID/DFWED)

**Subject:** Informal CDC-EPA-USDA discussion on triazole fungicides

**When:** Monday, May 3, 2021 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:** Microsoft Teams Meeting

Hi everyone,

Look forward to continuing our discussions around triazole fungicides.

Proposed agenda:

- Introductions (CDC-EPA-USDA)
- Quick CDC updates on recent work with azole resistant *Aspergillus* and recent publication on environmental azole use
- Any updates from EPA and USDA
- Ways forward to collaborate on issues around environmental use of azoles
- Informal stakeholders meeting

Thanks,  
Mitsuru

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